

**AMENDMENTS TO THE DRAWINGS:**

The attached sheets of drawings include changes to FIGS. 2, 3, and 4. These sheets, which include FIGS. 2, 3, and 4, replace the original sheets. Annotated sheets showing the changes made are also enclosed.

Attachment: Three Replacement Sheet(s)  
Three Annotated Sheet(s) Showing Change(s)

**REMARKS/ARGUMENTS:**

Entry of the above amendments, and reconsideration of the claim rejections, as they might apply to the original and amended claims in view of these remarks, is respectfully requested. Claim 1 stands rejected. Please cancel claim 1 without prejudice or disclaimer of the subject matter contained therein. Please add new claims 2-16 which find support throughout the written description. Claims 2-16 remain in the application.

The amendments submitted above to certain paragraphs in the specification have been done so to correct informalities, such as switched, omitted, or incorrect figure reference characters or numbers, or inconsistent reference names, and to correct grammar, punctuation, or spelling errors.

The amendment made to the paragraph on page 2 was done to correct grammar (“maybe” should be “may be”) and to correct punctuation (“MD5.”) should be “MD5.”).

The amendment made to the paragraph on page 5 was done to correct punctuation (“advantages, the ” should be “advantages. The ”) and (“pairs; the” should be “pairs. The”).

The amendment made to the first paragraph on page 7 was done to correct grammar (“hereafter is called” should be “hereafter called ”).

The amendment made to the second paragraph on page 7 was done to correct grammar (“may a” should be “may be a”).

The amendment made to the paragraph bridging pages 7 and 8 was done to correct grammar (“receiver, then” should be “receiver, and then”). The paragraph was also amended to keep the paragraph consistent with itself. Two instances of the phrase “sent by the” in the later part of the paragraph should be “sent to the.” The previous sentence in the paragraph on lines 29-30 states “The first transmitter-receiver 2400 randomly selects a reference to some previous transmission sent by the first transmitter-receiver to the second transmitter-receiver, . . .”

the” should be “discovers 3200 the”) and to correct punctuation (“first. transmitter” should be “first transmitter”).

The amendment made to the paragraph on page 9 was done to conform the written description to the figures by inserting the proper reference number from the figure (“decrypted and” should be “decrypted 4200 and”).

The amendment made to the title on page 9 was done to delete the unnecessary title to put the written description in more standard form.

No new matter has been added through any of these amendments.

The corrections submitted to the figures have been done so to correct informalities, such as grammatical or spelling errors. Specifically, the correction made to **FIG. 2** was done to correct spelling (“AUTHENTIC T Y OF” should be “AUTHENTICTY OF”). The correction made to **FIG. 3** was done to correct spelling (“DECRYOT REFENCE” should be “DECRYPT REFERENCE”). The correction made to **FIG. 4** was done to correct spelling (“MESSAGE SE RECEIVED” should be “MESSAGE RECEIVED”).

**FIG. 2** was also changed to conform the figure to the written description. In Block 2200, “RETRIEVE A PREVIOUS TRANSMISSION OR MESSAGE SENT TO SECOND TRANSMITTER-RECEIVER” SHOULD BE “RETRIEVE A PREVIOUS TRANSMISSION OR MESSAGE SENT FROM SECOND TRANSMITTER-RECEIVER” to conform the figure to the following sentence on page 7, lines 18-20 in the specification: “The first transmitter-receiver retrieves a previous transmission received from the second transmitter-receiver 2200, . . .”

Also in **FIG. 2**, in Block 2400, “RANDOMLY SELECT REFERENCE TO PREVIOUS MESSAGE OR TRANSMISSION SENT BY SECOND TRANSMITTER-RECEIVER” should be “RANDOMLY SELECT REFERENCE TO PREVIOUS MESSAGE OR TRANSMISSION SENT TO SECOND TRANSMITTER-RECEIVER” to conform the figure to the following sentence on page 7, lines 29-30 in the specification: “The first transmitter-receiver 2400 randomly selects a reference to some previous transmission sent by the first transmitter-receiver to the second transmitter-receiver, . . .”

**FIG. 4** was also changed to conform the figure to the written description. Block 4500 has been added, which states “USE CRYPTOGRAPHIC DEVICE (ONE-TIME PAD) TO ENCRYPT AND TRANSMIT CURRENT MESSAGE” to conform the figure to the following sentence on page 97, lines 14-16 in the specification: “The state of the confirmation is reported 4400, and if confirmed, the one-time pad, or cryptographic device is used to encrypt and transmit the current message 4500.” The paragraph containing this sentence has also been amended in the Amendments To The Specification section above to add the reference number 4500.

No new matter has been introduced through any of these claim amendments.

**A.     Objections to the Specification  
          For Informalities**

Item 2 In The Office Action

The Examiner objected to the title as not being descriptive and indicative of the invention to which the claims are directed. In response, Applicant has amended the title in light of the amended claims, and withdrawal of the objection is respectfully requested.

**B.     Objection to Claims  
          Informalities**

Item 3 In The Office Action

The Examiner objected to claim 1 due to several informalities. In response to the objection, Applicant has cancelled claim 1, rendering the objections moot.

**C.     Rejection of Claims  
          Under 35 U.S.C. § 112, Second Paragraph**

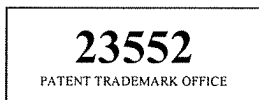
Item 4 In The Office Action

The Examiner rejected claim 1 under 35 U.S.C. §112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In response to the objection, Applicant has cancelled claim 1, rendering the objections moot.

**CONCLUSION:**


This Amendment fully responds to the Office Action mailed on December 20, 2006. Thus, a bona-fide attempt has been made to ensure that the application meets all statutory requirements and is in condition for allowance. The Examiner's early indication to that effect is, therefore, courteously solicited.

Applicant has authorized a charge against deposit account 13-2725 for the extension fee due with this response, or any future reply. Please charge all required fees, or fees under 37 C.F.R. 1.17, if any are due with this response, or credit any overpayment to, deposit account 13-2725.



Respectfully submitted,

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## **APPENDIX**

Three (3) Replacement Sheets Of Drawings

Three (3) Annotated Sheets Showing Changes To The Drawings